



## III TECHNICAL CONFERENCE - IAHR SPAIN CHAPTER

# CURRENT ISSUES IN WATER ENGINEERING

*Sustainable Development Goals (SDG)*

*The effects of COVID-19*

*New developments related to the assessment of the impact of climate change on the management of water resources*

**Thursday 15 October 2020. 12:00-2:00 p.m.**

**ETS de Ingenieros de Caminos, Canales y Puertos (José Echegaray Room)  
Polytechnic University of Madrid**

### PRESENTATION

The main activity of the [IAHR Spain Chapter](#) is the coordination (together with the Foundation for the Promotion of Water Engineering) of the Water Engineering Conferences (Jornadas de Ingeniería del Agua - JIA) that have been organized since 2009 by different institutions every autumn of odd-numbered years. In 2016 the IAHR Spain Chapter took the initiative to promote holding a technical meeting on water engineering in even-numbered years, when the Water Engineering Conferences do not take place. The goal was to create an opportunity for the members of the Spain Chapter to meet and also present the JIA program of the following year.

In 2016, the theme of the meeting was the latest news from the IAHR continental hydraulics congresses. The conference reviewed the technical advances presented at the most representative events of the IAHR Technical and Regional Divisions over the course of 2015. In 2018, the topic of the conference was the future prospects for the teaching of hydraulics in engineering schools.

The organization of the 2020 conference has been conditioned by the health emergency caused by COVID-19; prudence dictates that the event be held in a hybrid format (online and in person) and with a shorter duration to facilitate monitoring.

A selection of current issues that have an impact on water engineering and that are therefore considered of interest to the members of the IAHR Spain Chapter have been chosen as the common thread for the conference. These topics are the Sustainable Development Goals (SDG), the consequences of COVID-19, and some new developments related to the assessment of the impact of climate change on the management of water resources.

## PROGRAM

### Opening (12: 00 – 12:20 p.m.)

- **Francisco Martín Carrasco**  
Director. Escuela Técnica Superior de Ingenieros de Caminos, Canales y Puertos.  
Polytechnic University of Madrid
- **Luis Balairón Perez**  
President. IAHR Spain Chapter

**Moderator of the Conference: Jerónimo Puertas Agudo (University Professor. Universidade da Coruña).**

### Session 1. Current issues in water engineering (12: 20 – 1:40 p.m.)

- **New challenges in the integral water cycle. The Canal de Isabel II experience**  
Antonio Lastra de la Rubia (Canal de Isabel II Public Entity and Associate Professor at the Polytechnic University of Madrid) (12:20 - 12:40 p.m.)
- **Importance of water in the context of the COVID-19 crisis: The vision of the World Bank**  
Víctor Vázquez (World Bank Project Manager in Argentina) (12:40 - 1:00 p.m.)
- **Implementation of the Sustainable Development Goals in the Engineering School of Roads, Canals and Ports of Valencia**  
Ignacio Andrés Doménech and Esther Gómez Martín (Head of Studies and Deputy Director of Students. Escuela Técnica Superior de Ingeniería de Caminos, Canales y Puertos. Polytechnic University of Valencia) (1:00-1:20 p.m.)

### Debate (1:20-1:40 p.m.)

### Session 2. The Water Engineering Conference (JIA) (1:40-2:00 p.m.)

- **VI Water Engineering Conference. Toledo, 2019**  
Javier González Pérez (University Professor. University of Castilla La Mancha; President of the Organizing Committee of the JIA 2019)
- **VII Water Engineering Conference. Madrid, 2021**  
Luis Garrote de Marcos (University Professor. Polytechnic University of Madrid. President of the Organizing Committee of the JIA 2021)

### Closure (2:00-2:15 p.m.)

- **Luis Garrote de Marcos (University Professor. Polytechnic University of Madrid)**

#### Organization and registration

The conference can be followed in person from the José Echegaray Room (Green Room) of the ETS de Ingenieros de Caminos, Canales y Puertos of Madrid (limited seating) or online. When you register, you must indicate how you would like to follow the conference.

To facilitate contact tracing, every person who attends the conference in person must download the application "RADAR COVID" (the official application developed by the government of Spain to track infections). If they do not wish to download the application, attendees must go through the school's concierge in advance and fill out a form to allow for contact tracing.

[Free registration](#) (for in-person attendance, until capacity is reached).

Before the day of the conference, those who registered for online attendance will receive a link with the instructions to connect to the session.

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